

# Crestron CAEN Series

## Automation Enclosures

The CAEN Series automation enclosures are designed to house Crestron's CLX-Series lighting control modules and PAC2 or PAC2M control systems. CAEN enclosures are available in an assortment of sizes, suitable for surface or flush wall mount installation. Each model has been engineered to provide a clean and manageable installation with abundant provisions for wire termination and electrical knockouts.

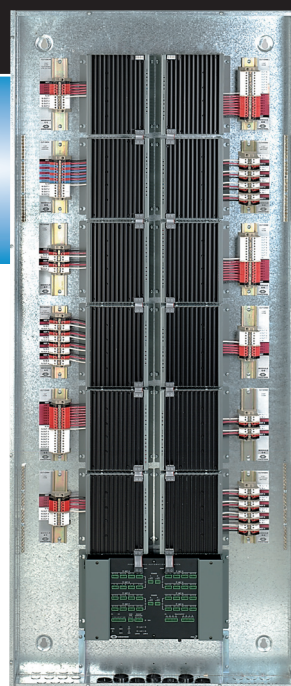
CAEN automation enclosures are designed to use space efficiently supporting over a hundred possible circuits in the largest model. Both centralized and distributed configurations are possible. A single PAC2 control system installed in a central enclosure can support numerous satellite extension enclosures distributed throughout a residence or commercial facility. Interconnection of the complete network of enclosures requires just one circulating Cresnet cable. Dozens of keypads, touchpanels, wall box dimmers, shade controllers, and other peripherals can also be terminated within an enclosure, with separate compartments provided for high and low voltage wiring.

Crestron lighting and automation systems are completely convection cooled for silent and reliable operation. A vented front cover is included with every enclosure. All models are constructed of 16-gauge galvanized steel and are pre-drilled for mounting of the PAC2, PAC2M, CLX modules, CLT terminal blocks, power supplies, and CAEN-BLOCK terminal block. Additional non-CLX lighting modules and third-party contactors may be installed using Crestron's CAEN-UMP universal mounting plates. Grounding blocks and low-voltage partitions are included.

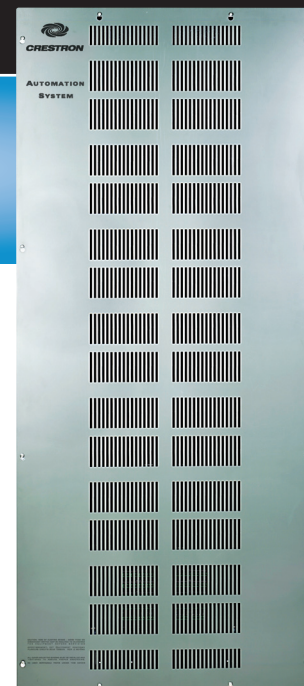
CAEN enclosures are also well suited for all types of Class 2 and Class 3 applications including voice and data structured wiring, security, and RF signal distribution (as permitted by applicable codes).

CAEN enclosures are UL and C-UL listed. If you require a complete UL Listed panel, Crestron offers this service through its UL Listed panel shop, providing complete in-factory system configuration and assembly.

- > Enclosures for CLX-Series lighting control modules and PAC2/PAC2M automation control systems
- > Available in five convenient sizes
- > Surface or flush wall mountable
- > Enable over 100 dimmer controlled circuits per enclosure
- > Supports centralized and distributed system configurations
- > Residential and commercial applications
- > Quiet, reliable, and efficient convection cooling
- > Includes galvanized steel backbox with grounding blocks, low-voltage partitions, and vented front cover
- > Additional mounting and termination accessories available
- > For 120 and 230 Volt systems
- > Also useful for non-lighting applications such as voice and data structured wiring, security, and RF signal distribution
- > UL Listed panel shop fabrication service available



CAEN-7X2 loaded without cover



CAEN-7X2 with cover



### AVAILABLE MODELS

**CAEN-7X2** 7 modules high x 2 modules wide

**CAEN-7X1** 7 modules high x 1 modules wide

**CAEN-4X2** 4 modules high x 2 modules wide

**CAEN-4X1** 4 modules high x 1 modules wide

**CAEN-2X1** 2 modules high x 1 modules wide

### SPECIFICATIONS

#### Environmental

**Temperature:** 32° to 104°F (0° to 40°C)

**Humidity:** 10% to 90% RH (non-condensing)

#### Enclosure

16 Gauge galvanized steel backbox with perforated grey steel cover, surface or flush wall mount

#### Dimensions (including cover)

**CAEN-7X2:** Height: 62.75 in (159.39 cm)  
Width: 27.25 in (69.22 cm)  
Depth: 4.32 in (10.98 cm)

**CAEN-7X1:** Height: 62.75 in (159.39 cm)  
Width: 16.10 in (40.90 cm)  
Depth: 4.32 in (10.98 cm)

**CAEN-4X2:** Height: 39.65 in (100.72 cm)  
Width: 27.25 in (69.22 cm)  
Depth: 4.32 in (10.98 cm)

**CAEN-4X1:** Height: 39.65 in (100.72 cm)  
Width: 16.10 in (40.90 cm)  
Depth: 4.32 in (10.98 cm)

**CAEN-2X1:** Height: 24.25 in (61.60 cm)  
Width: 16.10 in (40.90 cm)  
Depth: 4.32 in (10.98 cm)

#### Weight

**CAEN-7X2:** 65.0 lb (29.48 kg)

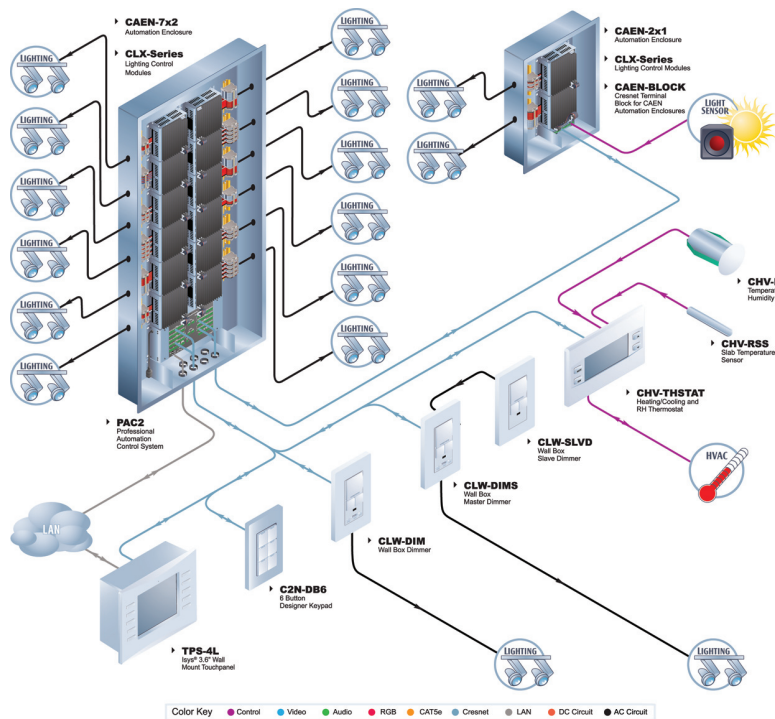
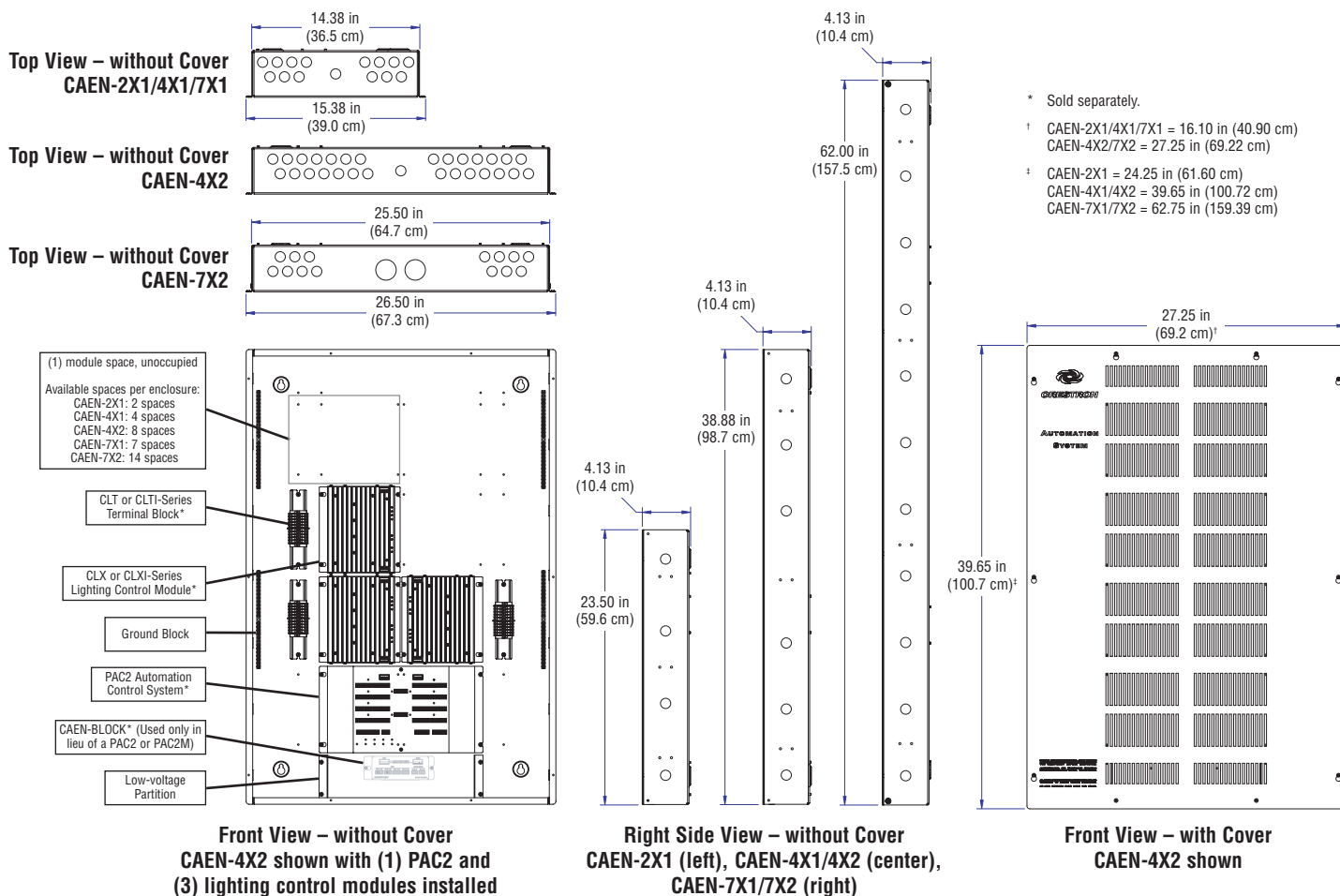
**CAEN-7X1:** 42.0 lb (19.05 kg)

**CAEN-4X2:** 43.0 lb (19.50 kg)

**CAEN-4X1:** 28.0 lb (12.70 kg)

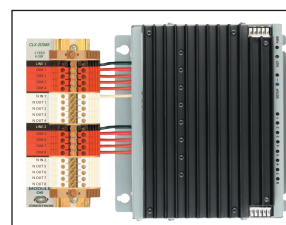
**CAEN-2X1:** 19.0 lb (8.62 kg)

# Crestron CAEN Series Automation Enclosures



Typical Application

## RELATED PRODUCTS



**CLX and CLXI Series**  
Lighting Control Modules

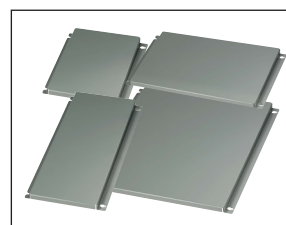
**CLT and CLTI Series**  
Terminal Blocks



**PAC2**  
Automation Control System

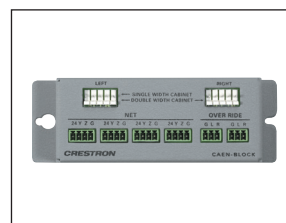
**PAC2M**  
Mini Automation Control System

**CLX-PWS75**  
Cresnet Power Supply Module



**CAEN-UMP Series**  
Universal Mounting Plates

**CAEN-CK Series**  
Cover Extension Kits



**CAEN-BLOCK**  
Cresnet Terminal Block

**C2N-SPWS300**  
300 Watt Cresnet Power Supply

**C2N-NPA8**  
Cresnet Network Poll Accelerator